

TOTAL DISSOLVED SOLIDS

- Total dissolved solids (TDS) is a measure of the total amount of all the materials that are dissolved in water. These materials, both natural and anthropogenic (made by humans), are mainly inorganic solids, with a minor amount of organic material.
- Depending on the type of water, TDS can vary greatly from a few milligrams per liter to percent levels (tens of thousands of milligrams per liter).
- Seawater contains 3.5% (35,000 mg/L) TDS.
- The U.S. Environmental Protection Agency's (EPA) Secondary Drinking Water Standards recommends that the TDS concentrations in drinking water not exceed 0.05% (500 mg/L), based on taste and aesthetics.

